

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|---------------------|
| S1 | 1 | Kennedy.in. and Geffer.in. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 18:03 |
| S2 | 585 | Kennedy.in. and Michael.in. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 18:18 |
| S3 | 17 | Geffer.in. and Alexander | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 18:18 |
| S4 | 0 | ("2003/0103207").URPN. | USPAT | OR | OFF | 2005/08/04 18:25 |
| S5 | 3 | 09/536274 | USPAT | OR | OFF | 2005/08/04 18:26 |
| S6 | 10 | ("3486805" "5274240" "5779868" "5942443" "5955028" "6042709" "6156178" "6159739" "6235175").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/04 18:27 |
| S7 | 10 | ("6358387").URPN. | USPAT | OR | OFF | 2005/08/04 18:27 |
| S8 | 11 | ("3486805" "5274240" "5779868" "5942443" "5955028" "5957579" "6001231" "6042709" "6358387" "6447727").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/04 18:27 |
| S9 | 10 | ("3486805" "5274240" "5779868" "5942443" "5955028" "6042709" "6156178" "6159739" "6235175").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/04 18:29 |
| S10 | 11 | ("3486805" "5274240" "5779868" "5942443" "5955028" "5957579" "6001231" "6042709" "6358387" "6447727").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/04 18:29 |
| S11 | 81 | ("5955028").URPN. | USPAT | OR | OFF | 2005/08/04 18:30 |

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|-----|------|---|---|----|-----|---------------------|
| S12 | 34 | ("3866119" "4726929" "4919887" "5030418" "5049359" "5106758" "5219526" "5223219" "5270006" "5304487" "5334349" "5344326" "5443790" "5444386" "5486335" "5489414" "5498392" "5501838" "5510082" "5519635" "5537051" "5571410" "5603351" "5716825" "5857866" "5858195" "5863801" "5955028" "5989402" "6041515" "6071478" "6239590" "6246250" "6495104"). PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/08/04 21:57 |
| S13 | 3282 | (422/100).OQLS. | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 21:58 |
| S14 | 0 | S13 and (microfluidic\$2) and (pressure near4 pad \$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 21:58 |
| S15 | 5 | S13 and (pressure near4 pad\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 22:01 |
| S16 | 159 | "422"/\$ and (pressure near4 pad\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 22:01 |
| S17 | 60 | "9604547" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 22:58 |
| S18 | 56 | "9702357" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/08/04 22:58 |
| S19 | 4605 | ((exchang\$4) near3 (plate \$2)) and (plate with (hole \$2 or well\$2)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/02/02 18:07 |
| S20 | 171 | S19 and ("422"/\$ or "436/ \$) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/02/02 19:49 |

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|-----|------|--|---|----|-----|---------------------|
| S21 | 9 | "6495104" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2006/02/02 19:49 |
| S22 | 12 | "6495104" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 12:54 |
| S23 | 1 | "20060211134" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 13:06 |
| S24 | 2 | ((syringe\$2 near4 connected) near4 (pressure near4 port\$2)) and (well\$2 and plate) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 13:07 |
| S25 | 74 | ((syringe\$2) near4 (pressure near4 port\$2)) and (well\$2 and plate) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 13:09 |
| S26 | 7518 | ((syringe\$2) same (pressure)) and (well\$2 and plate) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 13:10 |
| S27 | 881 | S26 and "422"/\$ | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 13:10 |
| S28 | 606 | S27 and pump | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2007/04/27 13:12 |
| S29 | 2 | "20040203055" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:15 |
| S30 | 26 | "6495104" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:18 |
| S31 | 2483 | ((simultan\$4 same (prim \$4)) same channel\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:20 |

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|-----|-----|--|---|----|----|---------------------|
| S32 | 20 | S31 and "422"/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:21 |
| S33 | 77 | ((simultan\$4 same (inject \$4)) same channel\$2) and "422"/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:23 |
| S34 | 79 | ("20030230488" "4390403" "4908112" "5126022" "5498392" "5571410" "5585069" "5593838" "5603351" "5635358" "5637469" "5699157" "5716852" "5750015" "5800690" "5858187" "5858195" "5869004" "5876675" "5880071" "5882465" "5885470" "5932100" "5942443" "5948227" "5955028" "5958694" "5959291" "5965410" "5976336" "5989402" "6001229" "6001231" "6012902" "6042709" "6062261" "6074725" "6100541" "6120666" "6221226" "6235471" "6280589").PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:26 |
| S35 | 0 | S34 and simult\$5 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:27 |
| S36 | 120 | nagpaul.xa. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:27 |
| S37 | 95 | S36 and well\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:27 |

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|-----|-------|--|---|----|----|---------------------|
| S38 | 2363 | (well same (thickness or depth)) same (heat\$4 same (different same temp \$5)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:31 |
| S39 | 3 | S38 and "422"/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:31 |
| S40 | 10332 | ((well\$2 same (thickness or depth)) same (heat\$4 same temp\$5)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:32 |
| S41 | 2159 | ((well\$2 same (thickness or depth) same bottom) same (heat\$4 same temp \$5)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:33 |
| S42 | 3 | S41 and "422"/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:33 |
| S43 | 90415 | ((well\$2 same (thickness or depth) same bottom)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:33 |
| S44 | 1023 | S43 and "422"/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:33 |
| S45 | 715 | S44 and heat\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:34 |

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|-----|------|---|---|----|-----|---------------------|
| S46 | 178 | S44 and microplate | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 13:34 |
| S47 | 26 | "6495104" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/21 14:23 |
| S48 | 10 | "5185531" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/22 15:58 |
| S49 | 358 | "15"/\$ and cell and optic \$2 and fiber\$ and shak\$4 and magnet\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/22 16:01 |
| S50 | 0 | S49 and (tube near4 transparent) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/22 16:02 |
| S51 | 0 | S49 and (transparent near4 tube) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/22 16:02 |
| S52 | 22 | S49 and brush | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/22 16:12 |
| S53 | 9 | "5824270" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/22 16:14 |
| S54 | 5 | ((fiber\$3 or bristles) same (shak\$4) same (magnetic \$4)) same ((attach\$4 or on) same (cell or tube)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/22 16:16 |
| S55 | 4284 | ((fiber\$3 or bristles) same (attach\$4 or on) same (cell or tube)) and (fluid same (tube or cell)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/22 16:18 |

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|-----|------|---|---|----|-----|---------------------|
| S56 | 1533 | S55 and clean\$4 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/22 16:19 |
| S57 | 394 | S56 and (magnet\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/22 16:19 |
| S58 | 18 | (electronic near4 pig\$2) same (magnetic\$) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2009/04/22 16:28 |
| S59 | 21 | ("20030170077" "3562014" "3877520" "4528041" "4574830" "4709719" "4930938" "5379844" "5437302" "5842816" "5857715" "5890531" "6079498" "6139644" "6182761" "6267182" "6336238" "6533032" "6536461" "6679949").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 16:30 |
| S60 | 937 | 15/ 104.061.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 16:32 |
| S61 | 61 | S60 and magnet\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 16:32 |
| S62 | 13 | ("2315133" "2392144" "2575624" "2860356" "3495546" "3708819" "5208936" "5795402"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 16:44 |
| S63 | 4 | ("6098231").URPN. | USPAT | OR | ON | 2009/04/22 16:45 |
| S64 | 9 | ("2860356" "3495546" "3708819" "5208936" "6070285" "6098231" "6190090").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 16:45 |
| S65 | 0 | (tube near4 cleaner\$2) and (fiber\$2 same (vibrating or magnet\$4)) and "422"/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 16:47 |

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|-----|-----|--|---|----|----|---------------------|
| S66 | 0 | (tube near4 cleaner\$2) and (fiber\$2 same (vibrating or magnet\$4)) and (pool) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 16:47 |
| S67 | 10 | (tube near4 cleaner\$2) and (fiber\$2 same (vibrating or magnet\$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 16:47 |
| S68 | 10 | (tube near4 cleaner\$2) and ((vibrating or magnet \$4) same fiber\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:06 |
| S69 | 247 | (tube near4 cleaner\$2) and ((vibrating or magnet \$4)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:06 |
| S70 | 38 | ((tube or pipe) near4 cleaner\$2)) and ((vibrating or magnet\$4) same (fiber\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:07 |
| S71 | 455 | ((tube or pipeline)) and ((vibrating or magnet\$4) same (fiber\$2)) same (clean\$4) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:08 |
| S72 | 25 | S71 and S62/\$ | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:13 |
| S73 | 94 | 15/104.061-104.063.ccls. and magnet\$2 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:22 |

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|-----|----|--|---|----|----|---------------------|
| S74 | 7 | 15/104.061-104.063.cds. and magnet\$2 and nylon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:23 |
| S75 | 13 | "3,384,512" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:23 |
| S76 | 8 | ("3673629" "4244073" "4767603" "4907314" "5035021" "5150493" "5265302" "5400456"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 17:26 |
| S77 | 8 | ("0597185" "4383346" "4406030" "4550466" "5640734" "6045623" "6272713").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 17:28 |
| S78 | 12 | ("4383346").URPN. | USPAT | OR | ON | 2009/04/22 17:29 |
| S79 | 1 | ("6569255").URPN. | USPAT | OR | ON | 2009/04/22 17:31 |
| S80 | 12 | ("3983895" "4135949" "4314577" "4574830" "4989631" "5890531" "5927901" "5980645" "6041803" "6336238" "6533032" "6569255"). PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 17:31 |
| S81 | 13 | ("3496998" "3525401" "3788084" "3890693" "3903730" "4155669" "4252465" "4360290" "4493589" "5139576" "5184921").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 17:33 |
| S82 | 5 | ("5927901").URPN. | USPAT | OR | ON | 2009/04/22 17:33 |
| S83 | 8 | ("4550466").URPN. | USPAT | OR | ON | 2009/04/22 17:34 |
| S84 | 0 | ("6889400").URPN. | USPAT | OR | ON | 2009/04/22 17:34 |

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|-----|----|---|---|----|----|---------------------|
| S85 | 94 | (("20010003223" "20010010104" "20010042277" "20020011124" "20030056309" "20030094848" "20030110584" "20030179651" "4016620" "4054045" "4077079" "4077080" "4083074" "4393805" "4416703" "4663795" "4716611" "4732073" "4825498" "4827553" "4986698" "5072622" "5113544" "5133117" "5265302" "5384929" "5444886" "5528790" "5600863" "5707344" "5903945" "5924158" "6014789" "6065174" "6070285" "6171025" "6174381" "6272713" "6318194" "6438782" "6538431" "6569255" "6734838" "6813949"). FN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:39 |
| S86 | 5 | S85 and nylon | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 17:40 |
| S87 | 8 | (("3673629" "4244073" "4767603" "4907314" "5035021" "5150493" "5265302" "5400456"). FN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/04/22 17:40 |
| S88 | 5 | (("6014789").URPN. | USPAT | OR | ON | 2009/04/22 17:40 |
| S89 | 5 | (("6014789").URPN. | USPAT | OR | ON | 2009/04/22 17:40 |
| S90 | 53 | (brush same clean\$4) same (measuring same cell) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/04/22 18:46 |
| S91 | 7 | (("3402116").URPN. | USPAT | OR | ON | 2009/04/22 18:52 |

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|-----|-----|---|---|----|-----|---------------------|
| S92 | 0 | ((((nylon near4 (fibers or bristles or brush\$2)) same (balls)) same (clean)) and (measure\$5 same chlorine)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/23 15:09 |
| S93 | 75 | ((((nylon near4 (fibers or bristles or brush\$2)) same (balls)) same (clean)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/23 15:09 |
| S94 | 91 | ((((nylon near4 (fibers or bristles or brush\$2)) same (balls)) same (clean\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/23 15:10 |
| S95 | 182 | ((ball\$2 same nylon same (fibers or bristles or brush \$2)) same (clean\$4)) | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/23 15:12 |
| S96 | 6 | "2974338" | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2009/04/23 15:33 |

EAST Search History (Interference)

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